

Title (en)

INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM FOR PROCESSING STEREO LITHOGRAPHIC DATA

Title (de)

INFORMATIONSVERRARBEITUNGSVORRICHTUNG, INFORMATIONSVERRARBEITUNGSVERFAHREN UND PROGRAMM ZUR VERRARBEITUNG VON STEREO LITHOGRAFISCHEN DATEN

Title (fr)

DISPOSITIF DE TRAITEMENT D'INFORMATIONS, PROCÉDÉ DE TRAITEMENT D'INFORMATIONS ET PROGRAMME POUR TRAITEMENT DE DONNÉES STÉRÉOLITHOGRAPHIQUES

Publication

EP 3517275 A1 20190731 (EN)

Application

EP 17853231 A 20170926

Priority

- JP 2016187194 A 20160926
- JP 2017034744 W 20170926

Abstract (en)

To provide an information processing device, an information processing method, and a program which can generate photo-fabrication data for irradiation with suitable light intensity. Means for showing a cut section of a three-dimensional fabricated object and for generating a tomographic image having a structure region of the three-dimensional fabricated object as a first pixel value and a non-structure region as a second pixel value, means for setting a first peripheral region for a pixel to be processed having the first pixel value in the tomographic image, first calculating means for calculating a pixel value so that an exposure amount increases in accordance with the number of the pixels when the number of pixels having the second pixel value in the region to be processed is a first threshold value or more and for calculating a pixel value so that the exposure amount is constant when the number of the pixels is less than the first threshold value, and output means for outputting photo-fabrication data generated on the basis of the pixel value calculated for each of the pixels by the first calculating means so that a photo-fabrication device generates the three-dimensional fabricated object are provided.

IPC 8 full level

B29C 64/386 (2017.01); **B33Y 50/00** (2015.01)

CPC (source: EP US)

B29C 64/20 (2017.07 - EP); **B29C 64/386** (2017.07 - EP); **B29C 64/393** (2017.07 - US); **B33Y 30/00** (2014.12 - EP); **B33Y 50/00** (2014.12 - EP); **B33Y 50/02** (2014.12 - EP US); **G05B 19/4097** (2013.01 - US); **H04N 1/4092** (2013.01 - EP); **B29C 64/124** (2017.07 - EP); **B29C 64/20** (2017.07 - US); **B33Y 30/00** (2014.12 - US)

Designated contracting state (EPC)

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